



## Levodropropizine

<b>Cat. No.:</b>	OB0225LY-0138
<b>Appearance:</b>	Solid
<b>Purity:</b>	≥99%
<b>Identity:</b>	Confirmed by NMR and HPLC.
<b>Size:</b>	1 g; 2 g; 5 g; 10 g; 25 g

This product is for research use only and is not intended for diagnostic use.

### Product Overview

<b>Description</b>	Levodropropizine is a histamine receptor inhibitor with peripheral effects.
<b>Synonym</b>	(S)-(-)-Dropropizine; DF-526; 99291-25-5; (S)-3-(4-Phenylpiperazin-1-yl)propane-1,2-diol; (-)-Dropropizine; (2S)-3-(4-Phenylpiperazin-1-yl)propane-1,2-diol; (-)-(S)-3-(4-Phenyl-1-piperazinyl)-1,2-propanediol; 1,2-Propanediol, 3-(4-phenyl-1-piperazinyl)-, (2S)-; S(-)-3-(4-Phenylpiperazin-1-yl)propane-1,2-diol; S(-)-3-(4-Phenylpiperazin-1-yl)propane-1,2-diol; (2S)-3-(4-Phenylpiperazin-1-yl)propane-1,2-diol
<b>CAS No.</b>	99291-25-5
<b>Compound CID</b>	65859
<b>Formula</b>	C <sub>13</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>
<b>Formula Weight</b>	236.31

### Specification

<b>Relative Density</b>	1.168 g/cm <sup>3</sup>
<b>IUPAC Name</b>	(2S)-3-(4-Phenylpiperazin-1-yl)propane-1,2-diol
<b>InChI</b>	InChI=1S/C13H20N2O2/c16-11-13(17)10-14-6-8-15(9-7-14)12-4-2-1-3-5-12/h1-5,13,16-17H,6-11H2/t13-/m0/s1
<b>InChI Key</b>	PTVWPYVOOKLBCG-ZDUSSCGKSA-N
<b>SMILES string</b>	C1CN(CCN1C[C@@H](CO)O)C2=CC=CC=C2
<b>Stability</b>	3 years in powder form.



<b>Storage</b>	Storage at -20°C.
<b>Applications</b>	Levodropropizine can be used to relieve dry cough and is commonly used in respiratory disease research.

## Library Information

<b>Targets</b>	Histamine receptor family; 5-HT receptor family
<b>Pathways</b>	Neuronal signaling; Immunology/Inflammation; GPCR/G protein
<b>Plate Number</b>	AOCL-2
<b>Plate Location</b>	f11
<b>Empty Location</b>	a1-h1; a12-h12
<b>Container</b>	96-well plate
<b>Formulation</b>	10 mM DMSO
<b>DMSO Max Solubility</b>	55 mg/mL; 232.75 mM
<b>Water Max Solubility</b>	12 mg/mL; 50.8 mM
<b>Ethanol Max Solubility</b>	44 mg/mL; 186.2 mM